

## METHOD FOR MONITORING SPARE CAPACITY OF A DRA NETWORK

### ABSTRACT OF THE DISCLOSURE

5           To obtain a topology of the available spare links in a telecommunications network  
provisioned with a distributed restoration algorithm, messages containing the appropriate  
identifications of the nodes and the ports of the nodes to which spare links are connected are  
exchanged continuously along the spare links of the network. When a failure is detected, the  
origin node can retrieve the various messages, and from data contained therein, to construct a  
10 topology of the available spare links of the network which can then be used for finding an  
alternate route for rerouting the traffic disrupted by the failure.

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